

Elastase Substrate IV, Colorimetric

Cat. No. CSUB-0536

Lot. No. (See product label)

Product Information

Form	White to off-white lyophilized solid
Formulation	45 mg D-mannitol and 5 mg substrate. Sold on the basis of substrate content.
Purity	>95% by HPLC
Toxicity	Standard Handling
Substrates	Protease
Primary target	A specific substrate for pancreatic elastase
Primary target IC50	$k_m = 100 \mu\text{M}$; $k_{cat}/K_m = 35,000 \text{ M}^{-1} \text{ s}^{-1}$ for rat pancreatic elastase; $K_m = 30 \mu\text{M}$; $k_{cat}/K_m = 35,000 \text{ M}^{-1} \text{ s}^{-1}$ for porcine

Storage and Shipping Information

Storage	-20C
Shipping Conditions	ambient